DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

Ci	TY OF PORTLA	ND
Please Read Application And	PUIL DING INSPECTION	
Notes, If Any, Attached	PERIVI	Damie Niemer Add 197 (1981) Printer A
This is to certify thatMks Development Inc /C	Chris	OK.
has permission toBuild new 2159 sq. Ft. (Colo style ho ar garage	
37 24 Yale St 4 # 1		36 A009001
provided that the person or person of the provisions of the Statutes the construction, maintenance at this department.	of the and or the Or Lance	ing this permit shall comply with all is of the City of Portland regulating res, and of the application on file in
Apply to Public Works for street line and grade if nature of work requires such information.	en and ven permion production of this ilding of the control of the	procured by owner before this build-
OTHER REQUIRED APPROVALS Fire Dept. Health Dept.		
Appeal Board		anne Donke 9/9/by
Other	/ }	
Department Name		Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

					Ţ	Permit No:	Issue Date	:	CBL:	
389 Congress Street, 0	04101 Tel: ((207) 874-8703	, Fax: ((207) 874-871	6	04-1187	CCO :	<u> </u>	436 A0	09001
		Owner Name:	<u></u>		Owner Address: Phone:					
Location of Construction: 24 Yale St 64	<i>-</i>	Mks Developm	nent Inc	}	7 Terra Way 207-781					8822
Business Name:		Contractor Name	:		Contractor Address: Phone					
n/a		Chris Ballard			7 Terra Way Falmouth 2078383800					
Lessee/Buyer's Name		Phone:			Pe	rmit Type:		Zone:		
n/a		n/a			Single Family					
Past Use:		Proposed Use:			Permit Fee: Cost of Work: CEO District:					
Vacant Land Build New 2 159 sq. Ft. Color style home with 2 cor garage										
style home with 2 car garage			garage.	FIRE DEPT: Approved Denied INSPECTION: Use Group: Type: Local 1999 Signature: PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)					Type:	
Proposed Project Description:							,00	Muk 9	Labor	
Build new 2159 sq. Ft. Colonial style home with 2 car garage.			. .	Signature: Signature: Mb 9 9 6 9 9 PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)						
				PE	DESTRIAN ACTIV	TITLES DIS	TRICT (P.A	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1	
				Action: Approved Approved w/Conditions Der					Denied	
				Signature: Date:						
Permit Taken By:		pplied For:		Zoning Approval				al		
gg	08/1	712004	- Cna	cial Zone or Revie	N. 10	Zonine	g Appeal		Historic Pres	
			_	oreland	. *** 3	☐ Variance	g Appear	ि	Not in Distri	
				etland		Miscellar	ieous		Does Not Re	quire Reviev
			□ Flood Zone PAnel? □ Subdivision □ Site Plan □ 2004-016?		Interpretation			Requires Review Approved Approved w/Conditions		
			Мај [<i>О</i>	Minor . MM		Denied Denied)		Denied	
			Date:	77-474	9	Date:		Date	<i>;</i> ;	\rightarrow
				•						
			C	CERTIFICATI	ON	Ī				
TI I CC (I T	.1	C 1 C.1	1				.1	11 .1	C	1 1.1

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and 1 agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK. TITLE		DATE	PHONE

JA yalest 04-1187 M (x) 436-4-9

Soil type/Presumptive Load Value (Table 401.4.1) Subdivision STRUCTURAL Footing Dimensions/Depth (Table 403.1.1 & 403.1.1(1), Section 403.1.2) Foundation Drainage Dampproofing (Section 406) Ventilation (Section 409.1) Crawls Space ONLY O \times 18 - 8 O	Subdivision Pleas 10×18-8 Johnson Fabric, bituminous Buindows 6,000. 12. Grunsland	
Lally Column Type, Spacing and footing sizes (Table 502.3.4(2)) Built-Up Wood Center Girder Dimension/Type	3'/2 wally 3-2×12 6'+8'	of carrying I floor
Sill/Band Joist Type & Dimesions First Floor Joist Species Dimensions and Spacing (Table 503.3.1(1) & Table 503.3.2(1))	2x6 PT 2x10 2x10 16 0.C	OK
Second Floor Joist Species Dimensions and Spacing Table(503.3.1(1) & Table 503.3.2(1))	Sarage AJIYZY Trass	OK

Attic or additional Floor Joist Species Dimensions and Spacing(Table 802.4.2 or 503.3.1(1) & Table 503.3.2(1))	2x4 collar the	0 ×
Roof Rafter; Pitch, Span, Spacing& Dimension(Table 802.3.2(7))	5:12/8:12 2×10/600	0
Sheathing; Floor, Wall and roof (Table 503.2.1(1)	3/4 Advantes, 7/605B, 1/200x	0
Fastener Schedule (Table 602.3(1) & (2))	BOCH 1889	30
Private Garage Section 309 and Section 407 1999 BOCA) Living Space? (Above or beside)		
Fire separation	5/8 walls/cerlings	X
Fire rating of doors to living space Door Sill elevation (407.5 BOCA)	W.W.Sh	OK
Egress Windows (Section 310)	yes ok	30
Roof Covering (Chapter 9)	25 Yr M3 Phalt	R
Safety Glazing (Section 308)	2nd FL RT Bath	BR Condition
Attic Access (BOCA 1211.1)	22730	SK SK
Draft Stopping around chimney	7/17	

Haadar Schadula	JONERAR. 255×10 ONTONO	2/3
Type of Heating System	Side Vent Furnace	δlČ
Stairs Number of Stairways	7	0/
Interior	7	7
Exterior		
Treads and Risers (Section 314)	73/4 max 10" min	0
Width	3'	Ö.
Headroom	8	/
Guardrails and Handrails (Section 315)	36" returned	20
Smoke Detectors Location and type/Interconnected	ALL Barcoms/protecting The levels intercont./bat	
Plan Reviewer Signature		

See Chimney Summary C SIKUST

Deck 2X8 1602.

3 PICUS - - 2X8 Bean Max 7'6" 6k

All Purpose Building Permit Application 22

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Total Square Footage of Proposed Structure Total Square Footage of Proposed Structure \$\text{Square Footage of Proposed Structure}\$ \$\text{Square Footage of Lot}\$ \$\text{Y} \text{VAT} \text{SF}\$ Tax Assessar's Chart, Black & Lot Chart# \text{Howath, Me.} \$\text{Owner: MKS Development}\$ \$\text{Telephone:}\$ \$\text{Telephone:}\$ \$\text{Lessee/Buyer's Name (if Applicable)}\$ \$\text{Applicant name, address & telephone:}\$ \$\text{Current use:} \text{VATAT Land}\$ \$\text{If the focation is currently vacant, what was prior use:} \text{M/A}\$ \$\text{Approximately how long has it been vacant:} \text{N/A}\$ \$\text{Approximately how long has it been vacant:} \text{N/A}\$ \$\text{Approximately home}\$ \$\text{VONAL SHIP home}\$ \text{W two car garage}\$ \$\text{Confractor's name, address & telephone:}\$ \$\text{Who should we contact when the permit is ready:} \text{Chris Ballard} \text{838} - 3800\$ \$\text{Mailing address:} \text{Terraway} \text{Terraway} \text{Vour must come in and pick up the permit and review the requirements before starting any wark with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is placked up. \$\text{PHONE:} \text{838} - 3800\$							
Tax Assessor's Chart, Block & Lot Chartiff #30 A Polication owner: MKS Development Telephane: Talmouth, Me. 781-8822 Lessee/Buyer's Name (If Applicable) Applicant name, address & telephone: Christopher J Ballard, Inc. 7 Terra Way, Falmouth, Me. Fee: \$ Current use: VOCAN Land If the location is currently vacant, what was prior use: M/A Approximately how long has it been vacant: M/A Proposed use: Single family home Project description: Colonial Style home w/ two car garage Contractor's name, address & telephone: Who should we contact when the permit is ready: Chris Ballard 838-3800 Mailing address: 7 Terra Way Falmouth, Me. 9405 We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any wark, with a Plan Reviewer. A stop work order will be issued	Location/Address of Construction: LOT 1 Yale St. Portland, Me.						
Lessee/Buyer's Name (If Applicable) Lessee/Buyer's Name (If Applicable) Applicant name, address & telephone: Christophar J Work: \$134,000 cl Work: \$134,00							
Current use: Vacant land If the location is currently vacant, what was prior use: A/A Approximately how long has it been vacant: A/A Proposed use: Single family home Project description: Colonial style home w/ two car garage Contractor's name, address & telephone: Who should we contact when the permit is ready: Chris Balard 838-3800 Mailing address: 7 Terra way Famouth me 0405 We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work with a Plan Reviewer. A stop work order will be issued	•			1	Telephone: 781-8822		
Current use: Vacant land If the location is currently vacant, what was prior use: A/A Approximately how long has it been vacant: A/A Proposed use: Single family home Project description: Colonial style home w/ two car garage Contractor's name, address & telephone: Who should we contact when the permit is ready: Chris Balard 838-3800 Mailing address: 7 Terra way Famouth me 0405 We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work with a Plan Reviewer. A stop work order will be issued	Lessee/Buyer's Name (If Applicable)	Applicant i	name, address &	Co	ost Of 134,000,00		
Approximately how long has it been vacant:	Ballard, Irc. 7 Terra						
Approximately how long has it been vacant:							
Proposed use: Single-family home Project description: Colonial Style home w/ two car garage Contractor's name, address & telephone: Who should we contact when the permit is ready: Chris Balard 838-3800 Mailing address: 7 Terra way Famouth me.0405 We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work with a Plan Reviewer. A stop work order will be issued	. 14						
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Contractor's name, address & telephone: Who should we contact when the permit is ready: Chris Balard 838-3800 Malling address: 7 Terra way Famouth, me. 0405 We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work with a Plan Reviewer. A stop work order will be issued	Proposed use: Single family home Prolect description:						
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work with a Plan Reviewer. A stop work order will be issued	Contractor's name, address & telephone:						
a Annon many a second	Who should we contact when the permit is ready: Chris Ballard 838-3800 Mailing address: 7 Terra way Famouth, me. 0405 We will contact you by phane when the permit is ready. You must come in and pick up the permit and						
	and a \$100.00 fee if any work starts before	the permit k	P. P				

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APROVE THIS PERMIT.

I hereby cartify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this justicition, in addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

	والمراجع والمنافع وال
Signature of applicant: MM/GUU	Date: 8/11/04

This is NOT a permit, you may not commence ANY work until the permit is issued.

If you are in a Historic District you may be subject to additional permitting and fees with the Pianning Department on the 4th floor of City Hali

	Applicant: Chris BAllad Date: 8/26/04
	Address: 24 yola Ct-(6+#1) C-B-L: 436-A-009
	CHECK-LIST AGAINST ZONING ORDINANCE
	Date -
	Zone Location - R-3
/	Interior or corner lot - 24.5 x 36 22 x 24
	Interior or corner lot - 24.5 x 36 Proposed Use Work - to construct New Colonial (2 Story) with Attached ga
	Servage Disposal - (ty Lot Street Frontage - 50 - 2137 Schlad with 8'x12' remotest
	Lot Street Frontage - 50' -
	Front Yard - 25' hi - 26 given
	Rear Yard - 25' mm - 35' to (eAK Dee)
	Side Yard - 14'm - Zo'given à 70's chlad 2 Story Projections - (LA dur) 0'X12'
	Projections- (ex duc) 0 x12
	Width of Lot - 75 mi 2137/scalad
	Height - 35 max - 31.5' scaled to ridge
	Lot Area - 6,500 \$ 14,627 \$ given
	Lot Coverage/Impervious Surface - 756 MTX 6 3656.75 MAX
	Lot Coverage/Impervious Surface - 756 WTX 6 3656.75 MAX Area per Family - 6,500 F
	Off-street Parking - 21ey - 2 CA grage Show
	Loading Bays - N/A 24.5 x 36 = 882
	Site Plan - mmor/mmor # 2004-6167
	Site Plan - wwo (mwor # 2004-616 7 Shoreland Zoning/ Stream Protection - NA 8' Y 12' = 96
	Flood Plains - pAnd 7 - Zone X
	Per Daylight basement Show

CITY OF PORTLAND, MAINE DEVELOPMENT REVIEW APPLICATION PLANNING DEPARTMENT PROCESSING FORM Building Copy

2004-0167		_
Application I.	D. Number	<u> </u>

Mks Development Inc Applicant			8/12/2004 Application Date
7 Terra Way, Falmouth, ME 041	05	- 	Yale ST. (Lot #1) Project Name/Description
Applicant's Mailing Address Consultant/Agent Agent Ph: Applicant or Agent Daytime Telepi	Agent Fax:	24 - 24 Yale St , P Address of Propose 436 A009001 Assessor's Referen	Portland, Maine
Proposed Development (check all Manufacturing Warehout	that apply): New Buildir	ng Building Addition Chang	ge Of Use Residential Office Retail Other (specify)
2159 sq. Ft.		14627	7
Prooosed Buildina square Feet or	# of Units	Acreage of Site	Zoning
Check Review Required: Site Plan (major/minor)	Subdivision # of lots	PAD Review	14-403 Streets Review
☐ Flood Hazard	Shoreland	☐ HistoricPreserva	ation DEP Local Certification
Zoning Conditional Use (ZBA/PB)	Zoning Variance		Other
Fees Paid: Site Pla	\$250.00 Subdivision	Engineer Review	\$50.00 Date 811712004
Building Approval Sta	atus:	Reviewer	
Approved	Approved w/Conc See Attached	ditions D	Denied
Approval Date	Approval Expiration	Extension to	Additional Sheets
Condition Compliance			Attached
	signature	date	
Performance Guarantee	Required*	Not Required	
• No building permit may be issue	d until a performance guaran	tee has been submitted as indicated b	below
Performance Guarantee Accep	oted		
☐ Inspection Fee Paid	date	amou	unt expiration date
Inspection Fee Paid	date	amou	unt
Building Permit Issue			
Deviermence Cuerantee Redu	date		
Performance Guarantee Redu	date	remaining	balance signature
Temporary Certificate of Occu	pancy	Conditions (See	
☐ Final Inspection	date		expiration date
Final Inspection	date	signat	ture
Certificate Of Occupancy			
Dorformones Cuerantes Dele-	date		
Performance Guarantee Relea	date	signat	ture
Defect Guarantee Submitted			
□ Defeat Occasion D. I	submitted 0	date amou	unt expiration date
Defect Guarantee Released	date	signat	ture

OUTCLAIM DEED WITH COVENANT

Book 20376 Oase 314 Record ioliolog

第一ク

(Maine Statutory Short Form)

WESCOTT & PAYSON II, LLC, a Maine limited liability company, whose mailing address is in Portland, Maine, hereinafter referred to as the Granter, for consideration paid grants to MKS DEVELOPMENT, INC., a Maine corporation, with a mailing address of 7 Terra Way, Falmouth, Maine 04105, hereinafter referred to as the Grantee, with QUITCLAIM, COVENANTS, a certain lot or parcel of land situated in the Portland, County of Cumberland, and State of Maine, and described as follows:

SEE EXHIBIT A ATTACHED HERETO

Signed, Scaled and Delivered in presence of:

WESCOTT & PAYSON IL LLC

Michael H. Payson, Jr.
In: Manager and Member

STATE OF MAINE CUMBERLAND, SS.

October 7, 2003

Then personally appeared the above named Minhael H. Payson, Ir., in his capabily 45 Manager and Member of Wescott & Payson II, LLC, and acknowledged the foregoing instrument to be his free act and deed and the free act and deed of Wescott & Payson II, LLC.

Before me,

Atterney-at-Law/Notary Par

EXHIBITA:

Cortain percels of land situated on or about Yale Street in the City of Portland, County of Cumberland and State of Maine, bounded and described as follows:

A certain lot or percel of land located on the northeast side of Yelo Street in the City of Fortland, County of Cumberland, State of Maine, bounded and described as follows:

Beginning at a point on the northesstorty sideline of Yale Street and the southerly comer of land now or formarty of the Maine Conference of Seventh Day Adventists as described in a dead recorded in the Combestand County Registry of Deeds in Book 4488, Page 191. Theree:

Thence N 35° 49° 00° E by said hard of the Maine Conference of Seventh Day Adventists a distance of One Hundred and 00/100 (100.00) feet to a point and hard now or factuarly of Wescott & Payson II as described in a deed recorded in said Registry in Book 18226, Page 260.

Thence N 35° 49' 00" E screen said land of Wescott & Payson II a distance of Seven and 55/100 (7.55) feet to a point and land now or formerly of the Allen Avenue Housing Associates as described in a deed recorded in said Registry in Book 9037, Page 328.

Thence S 54" I I' 00" E by said land of the Allen Avenue Housing Associates a distance of Two Hundred Thirty-Seven and 95/100 (237.95) flut to a 1" iron pipe found and other land now or formerly of Wescott & Payson II as described in a deed recorded in said Registry in Book 17365, Page 293 and land now or formerly of Wescott & Payson II as described in a deed recorded in said Registry in Book 18226, Page 260.

Thence S 35° 49° 00° W across said land of Wescott & Payson II (Book 18226, Page 260) a distance of Seven and 55/100 (7.55) feet to a point.

Theme S 54° 11' 00" If by said land of Wescott & Payson II a distance of Five Hundred Seventy-Theme and 05/100 (573.05) feet to a point and other hand now or formarly of Wescott & Payson II as described in a deed recorded in said Registry in Book 17365, Page 289 and Book 17365, Page 291.

Themore S 35" 49" 00" W across said land of Wessott & Payson II a distance of Ninety and 60/100 (90.00) feet to a point of curvature.

Thence Westerly across said lead of Wescott & Payson II, following a curve to the right having a radius of Ten and 00/100 (10.00) feet, an are distance of Fifteen and 71/100 (15.71) feet to a point of tangency and the northeasterly side of said Yale Street, said point of tangency lying S 80° 49' 00° W a distance of Fourteen and 14/100 (14.14) feet from the last mentioned point.

Thence N 54° 11'00" W by said Yale Street a distance of Seven Hundred Seventy-Six and 00/100 (776.00) feet to the point of beginning.

The above described parcel contains 80,375 square feet. Bearings are referenced to magnetic north 1983.

Reference is herein made to a Standard Boundary Survey made for Wescott & Payson II by Titourib Associates dated June 12, 2002 as recorded in the Cumberland County Registry of Doods in Plan Book 202, Page 693.

The foregoing property may also be described as Lots number 1 through 10 located on Yale Street in Portland, Maine as shown on the plan entitled "Subdivision Recording Plat — Amendment to "Plan of Lots" at University Park" prepared for Wescott & Payson II by Land Use Consultants revised through September 30, 2002 and approved by the City of Portland on January 14, 2003, recorded in the Cumberland County Registry of Doods in Plan Book 203 Page 262 (the "Plat"), subject to the essentents, restrictions and obligations set forth in the Plat.

Subject to a Drainage Basement Deed from Westerst & Payson II to the City of Postland of even or recent date to be recorded in the said Registry of Deeds for Drainage Easements "A," "B" and "C" as shown on the Plat.

Together with an easement for access and utilities from the subject property in and over Yale Street to Harvard Street, a public way, until such time as Yale Street is accepted by the City of Portland as a public way.

Together with the benefit of a 50 foot by 50 foot Turnsround Easement as described in an Easement Deed for Turnsround from Wescott & Payson II, LLC to the City of Portland of even or recent date to be recorded in the said Registry of Deeds.

Being a portion of the property conveyed to Wescott & Payson II, LLC, formerly known as Wescott & Payson II by deed recorded in the Cumberland County Registry of Deeds in Book 17365, Page 289, Book 17365, Page 291 and Book 18226, Page 26II Reference is made to the Resorded Certificate from the Maine Secretary of State evidencing the transformation of Wescott & Payson II, a Maine General Partnership, into Wescott & Payson II, LLC, a Maine limited liability company.



Single 5 1/4" x 9 1/2" VERSA-LAM® 3080 DF

Job Name: Address: City, State, Zip: . Customer:

Code reports: 1CBO 5663, NER 442

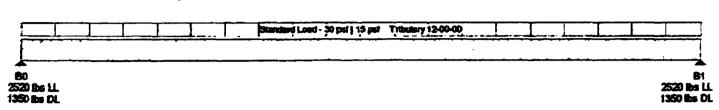
File Name: BC CALC Project : FB01

Description. Specifier: Designer: MB

Company: Hancock Lumber

Mes

Kitchen Areu



Total Horizontal Length - 14-00-00

			loga Piors		14-00-00	· · · · · · · · · · · · · · · · · · ·			
General Data Version: Member Type: Number of Spene:	US Imparial Floor Beam	Load Summer ID Description S Standard Lo		Ref. Late		End 14-00-00	Type Live Dead	Value 30 per 15 per	Trib. Dur. 12-00-00 100% 12-00-00 90%
Left Cantilover: Right Cantilover:	No No	Controls Sum Control Type Moment	Value 13544 fi-lbs		% Allowabi	le Dura 100		Load Case	Span Location
Slope: Tribulary:	0/12 12-00-00	Neg. Moment End Statur Total Lead Doll.	0 ft-bs 3432 bs L/264 (0.637*)		n/a 36.2% 91.0%	100 100	\$	2 2	1-Left
Live Load: Deed Load:	30 peri 15 peri	Live Load Def. Nax Def. Notes	1.405 (0.415°) 0.637°		63.7%			2 2	1

Disclosure

Duration:

Partition Load:

The completeness and accuracy of the imput must be verticed by enyone Who would ruly on the output as evidence of suitability for a perioder application. The output above is based upon building code-excepted design properties and analysis methods, installation of BOISE engineered wood products must be in accordance with the current Installation Guide and the applicable building codes. To obtain an Installation Guide or if you have any questions, please call (800)232-0788 before beginning product installation.

0 pmf 100

BC CALCO, BC FRANERO, BCIO. BC RIM BOARD™, BC OSB RIM BOARD™, BOISE GLULAM™. VERSA-LAMD, VERSA-RIMO, VERSA-RIM PLUGO, VERSA-STRAND" VERSA-STUDB, ALLJOISTO and AJS " are tradements of Boles Cascade Corporation.

Dunign meets Code minimum (L/240) Total load deflection criteria.
Design meets Code minimum (L/380) Live load deflection criteria.
Design meets artifrary (1") Maximum load deflection criteria.
Minimum bearing longit for BO is 1-1/2". Minimum bearing length for BO is 1-1/2".
Minimum bearing length for B1 is 1-1/2".

Entered Displayed Horizontal Span Langin(s) = Clear Span + 1/2 min. end bearing + 1/2 intermediate bearing

BC CALC® 2003 DESIGN REPORT-US



Single 14" AJS™ 20 MSR

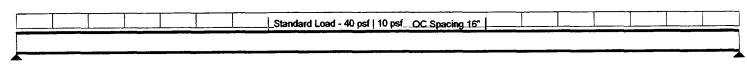
Job Name Address:
Cii, State, Zip:, Joit

Customer. Code reports: BOCA 22-09, SBCCI 9707D, ICBO PFC-5504 File Name: BC CALC Project. JOI

Description: Specifier: Designer. MB

Company: Hancock Lumber Mi:

#.14



587 lbs LL 147 lbs DL 587 lbs LL 147 lbs DL

Total Horizontal Length - 22-00-00

General Data Version:	US Imperial
Member Type:	Joist
Number of Spans:	1
Left Cantilever:	No
Right Cantilever:	No
Slope:	0/12
OC Spacing:	16"
Repetitive:	Yes
Construction Type	: Glued
Live Load:	40 psf
Dead Load:	10 psf
Partition Load:	0 psf

Disclosure

Duration:

The completeness and accuracy of the input must be verified by anyone who would rely on the output as evidence of suitability for a particular application. The output above is based upon building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with the current Installation Guide and the applicable building codes. To obtain an Installation Guide or if you have any questions, please call (800)232-0788 before beginning product installation.

100

BC CALC®, BC FRAMER®, BCI®, BC RIM BOARD"", BC OSB RIM BOARD™, BOISE GLULAM™, VERSA-LAM®, VERSA-RIM®, VERSA-RIM®, VERSA-STRAND™, VERSA-STUD®, ALLJOIST® and AJS™ are trademarks of Boise Cascade Corporation.

Loa	id Summary								_
ID	Description	Load Type	Ref.	Start	End	Type	Value		Dur.
S	Standard Load	Unf. Area	Left	00-00-00	22-00-00		40 psf		100%
						Dead	10 psf	16"	90%

Controls Summary										
Control Type	Value	% Allowable	Duration	Load Case	Span Location					
Moment	4033 ft-lbs	80.7%	100%	2	1 - Internal					
Neg. Moment	0 ft-lbs	n/a	100%							
End Reaction	733 lbs	64.1%	100%	2	1-Left					
Total Load Defl.	L/439 (0.602°)	54.7%		2	1					
Live Load Def l.	L/548 (0.481")	87.5%		2	1					
Max Defl.	0.602"	60.2%		2	1					
Span / Depth	18. 9	n/a			1					

Notes

Design meets Code minimum (L/240) Total load deflection criteria.

Design meets User specified (L/480) Live load deflection criteria.

Design meets arbitrary (1") Maximum load deflection criteria.

Minimum load in land to the load deflection criteria.

Minimum bearing length for BO is 1-3/4". Minimum bearing length for BI is 1-3/4".

Entered/Displayed Horizontal Span Length(s) = Clear Span + 1/2 mm. end bearing + 1/2 intermediate bearing





Single 5 1/4" x 14" VERSA-LAM® 3080 DF

Job Name: GARAGE DOOR HEADER Address:

Address: — City, State, Zip: , Customer:

Code reports: ICBO 5663, NER 442

File Name: BC CALC Project: FB02

Description:
Specifier:
Designer: MB

Company: Hancock Lumber

Mi:

4320 lbs LL 1250 lbs DL 4320 lbs LL 1250 lbs DL

Total Horizontal Length - 18-00-00

General Data	
Version:	US Imperial
Member Type:	Floor Beam
Number of Spans:	1
Left Cantilever:	No
Right Cantilever:	No
Slope:	w12
Tributary:	12-00-00

Live Load:	40 psf
Dead Load:	10 psf
Partition Load:	0 psf
Duration:	100

Disclosure

The completeness and accuracy of the input must be verified by anyone who would rely on the output as evidence of suitability for a particular application. The output above is based upon building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with the current installation Guide and the applicable building codes. To obtain an Installation Guide or if you have any questions, please call (800)232-0788 before beginning product installation.

BC CALC®, BC FRAMER®, BCI®, BC RIM BOARD ***, BC OSB RIM BOARD ***, BC OSB RIM BOARD ***, BC OSB RIM BOARD ***, VERSA-RIM®, VERSA-RIM®, VERSA-RIM®, VERSA-STRAND ***, VERSA-STUD®, ALLJOIST® and AJS *** are trademarks of Boise Cascade Corporation.

S Standard Load Unf. Area Left 00-00-00 18-00-00 L	ive 40	lue Trilb. Dur. psf 12-00-00 100% psf 12-00-00 90%
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Controls Summary									
Control Type	Value	% Allowable	Duration	Load Case	Span Location				
Moment	25065 ft-lbs	57.9%	100%	2	1 - Internal				
Neg. Moment End shear	0 ft-libs	n/a	100%						
End shear	4848 lbs	34.7%	100%	2	1 - Left				
Total Load Defl.	L/355 (0.609°)	67.6%		2	1				
Live Load Defi .	L/457 (0.472°)	78.7%		2	1				

Notes

Design meets Code minimum (L/240) Total load deflection criteria.

Design meets Code minimum (L/360) Live load deflection criteria.

Minimum bearing length for Bo is $1-1/2^n$. Minimum bearing length for 61 is $1-1/2^n$.

Entered/Displayed Horizontal Span Length(s) = Clear Span + 1/2 mm. and bearing + 1/2 intermediate bearing

BC CALC® 2003 DESIGN REPORT-US



Single 3 1/2" x 9 1/2" VERSA-LAM® 3080 DF

Job Name: Address: City, State, Zip: .

- LIV. ROOM ENTRY

Customer: Code reports: ICBO 5663, NER 442

File Name: BC CALC Project: FB01

Description: Specifier: Designer: MB

Company: Hancock Lumber

Misc:

				Standard Load - 30 psf 15 psf Tributary 12-00-00			
F							

2160 lbs ∐ 1131 lbs DL 2160 lbs LL 1131 lbs DL

Total Horizontal Length - 12-00-00

General Data		Load Summary							
Version:	US Imperial	ID Description S Standard Load	Load Type Unf. Area	Ref. Left	Start 00-00-00	End 12-00-00	Type Live	Vdue 30 psf	Trib. Dur. 12-00-00 100%
Member Type: Number of Spans:	Floor Beam 1						Dead	15 ps f	12-00-00 90%
Leftcantilever:	No	Controls Summ	ary						
Right Cantilever:	No	Control Type	Value		% Allowab	le Durat	ion	Load Case	soan ——
	0/12	Moment Neg. Moment	9874 ft-lbs 0 ft-lbs		71.2% n/a	100° 100°		2	1 - Internal
Tributary:	12-00-00	End Shear	2857 lbs		45.2%	100°	%	2	1 - Left
		Total Load Defl.	L/281 (0.512")		85.3%			2	1
		Live Load Defl.	L/429 (0.336°)		84.0%			2	1

Notes

Design meets Code minimum (L/240) Total bad deflection criteria. Design meets Code minimum (L/360) Live bad deflection uiteria. Minimum bearing length for BO is 1-1/2".

Minimum bearing length for B1 is 1-1/2".

Entered/Displayed Horizontal Span Length(s) = Clear Span + 1/2 min. end bearing + 1/2 intermediate bearing

Duration: **Disclosure**

Live Load:

Dead Load:

Partition Load:

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30 psf

15 psf

0 psf

100

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